Army Knowledge Online

Goal 4: Scale AKO as the Army's Enterprise Portal

- ***Intent:***

  By Jul 02, the Army will conduct the majority of its internal business via the Web through AKO

- ***Requirement:***

  - AKO accounts for Active duty, ANG, Reserve, and DA Civilians
  - Functional and MACOM managers streamline and webify applications/link to AKO or obtain waiver

- ***Ongoing Actions:***

  - Over 993,119 AKO accounts

  - - Over 61,000 daily unique logins

  - Over 250,000 unique logins in the past 2 weeks

  - 24X7 support operations (Help Desk)

  - Standing up mirror (COOP) site

  – 68 applications linked to the Portal authentication mechanism

  – Over 4000 links on the Portal itself

AKO is the Army's Enterprise Portal

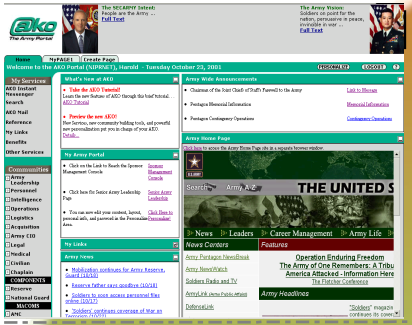
Covering the Range of Knowledge Portals

AKO – Secret on the

- Opns and Intell primary users
- Secret and below content
- Secure web email
- Secure Instant Messaging

6,562 accounts

AKO - Unclass on the Internet



- The Army's daily workhorse
- 128 bit encryption security
- PKI enabled Email
- Content is sensitive but Unclassified

993,119 accounts

- Internal
- External

The Army Homepage on the Internet

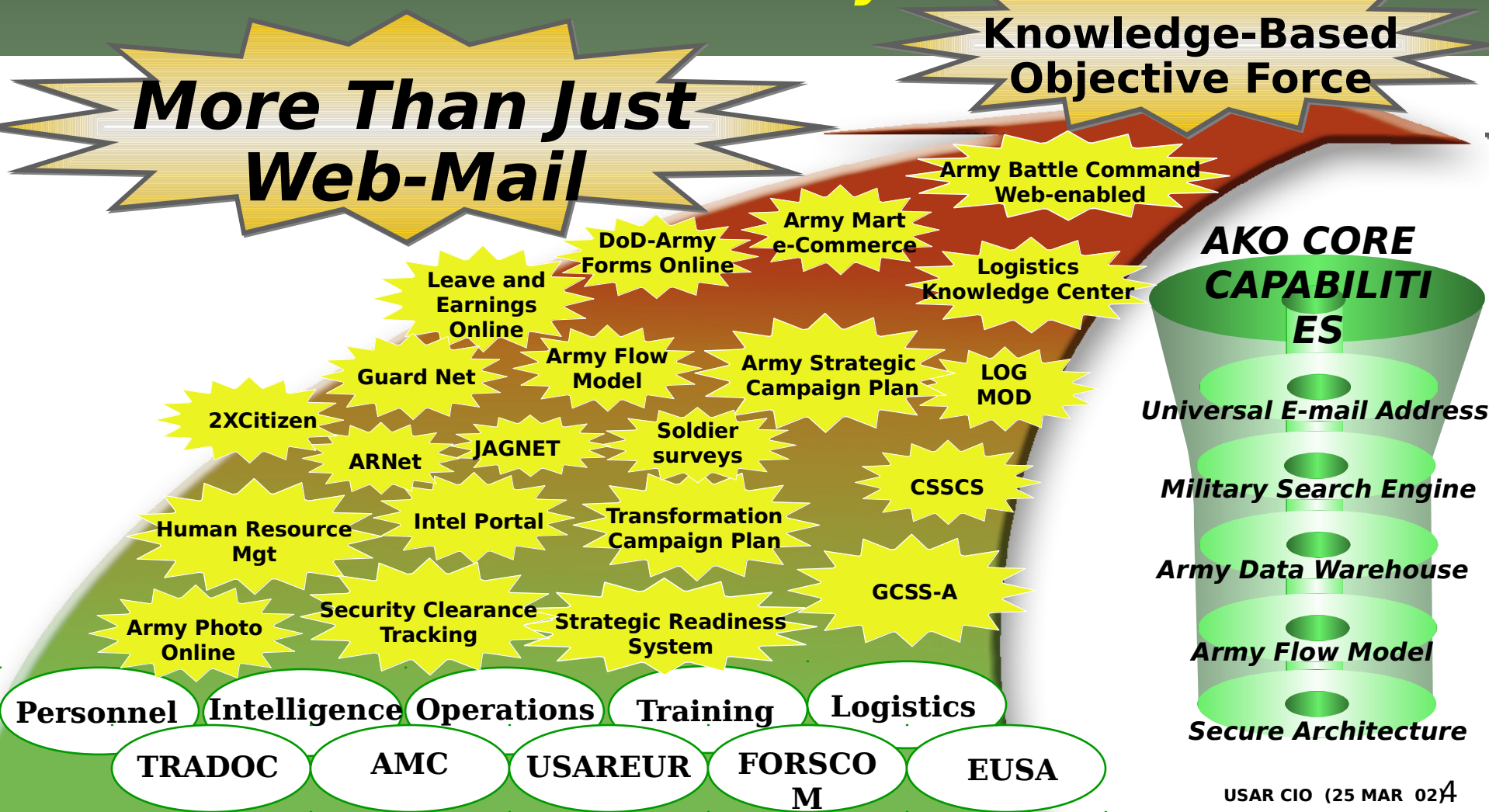
- The Army's public Web site
- Unrestricted access
- Content updated daily by CSA Strategic Communications Group

AKO . . . One Stop Shopping for Army

Migration of Army Battle Command and Control and Business Systems

More Than Just Web-Mail

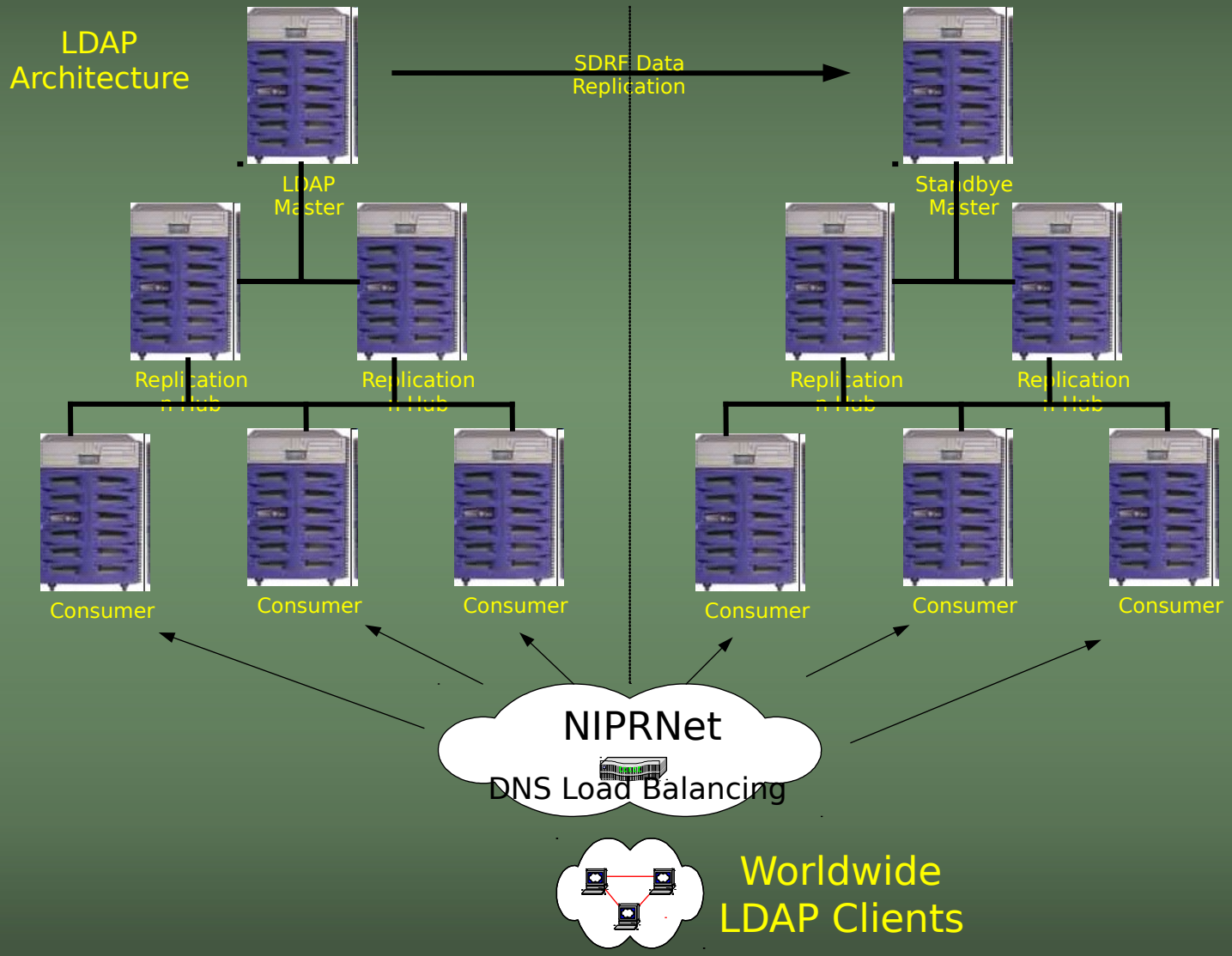
Knowledge-Based Objective Force



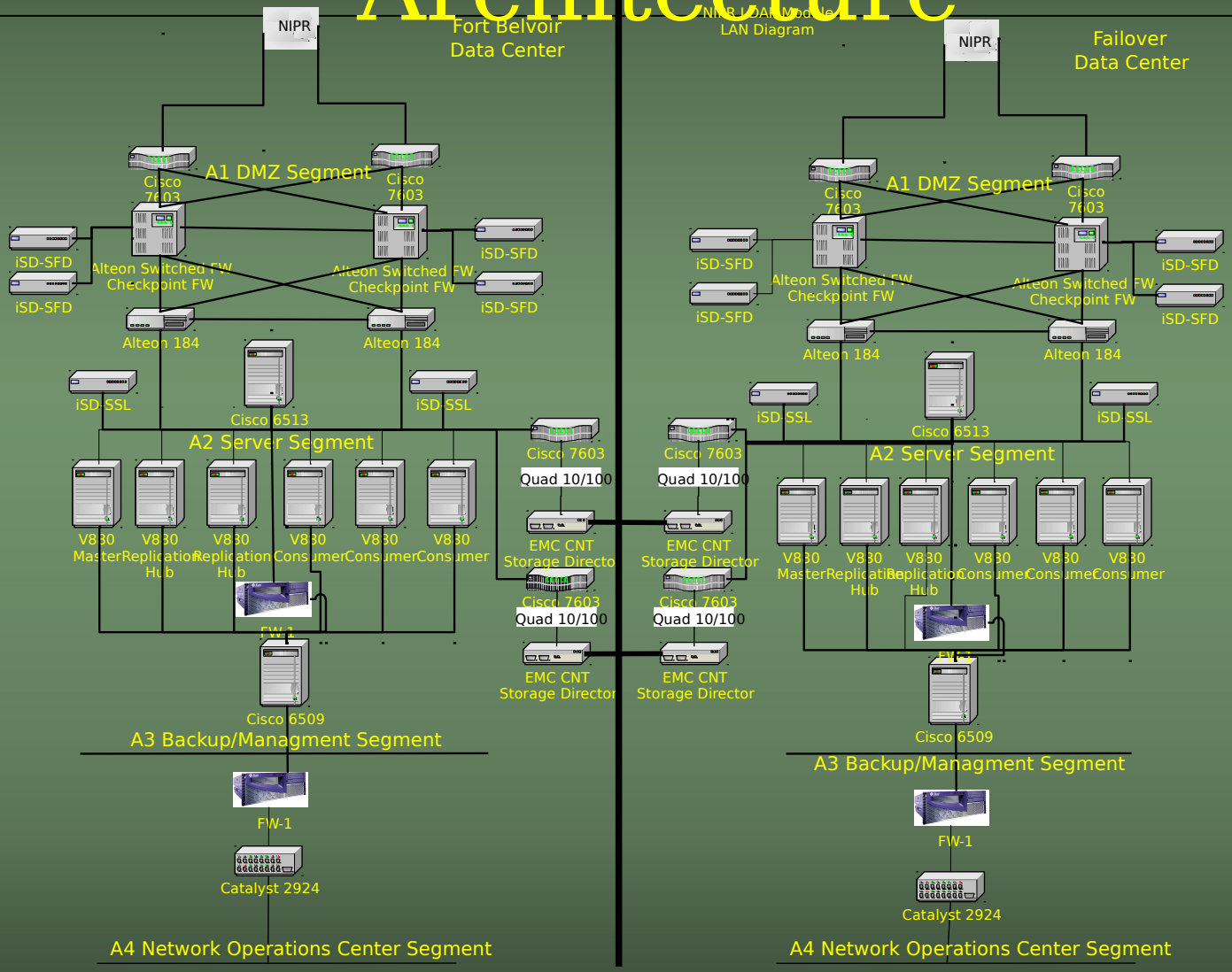
AKO CORE CAPABILITIES

- *Universal E-mail Address*
- *Military Search Engine*
- *Army Data Warehouse*
- *Army Flow Model*
- *Secure Architecture*

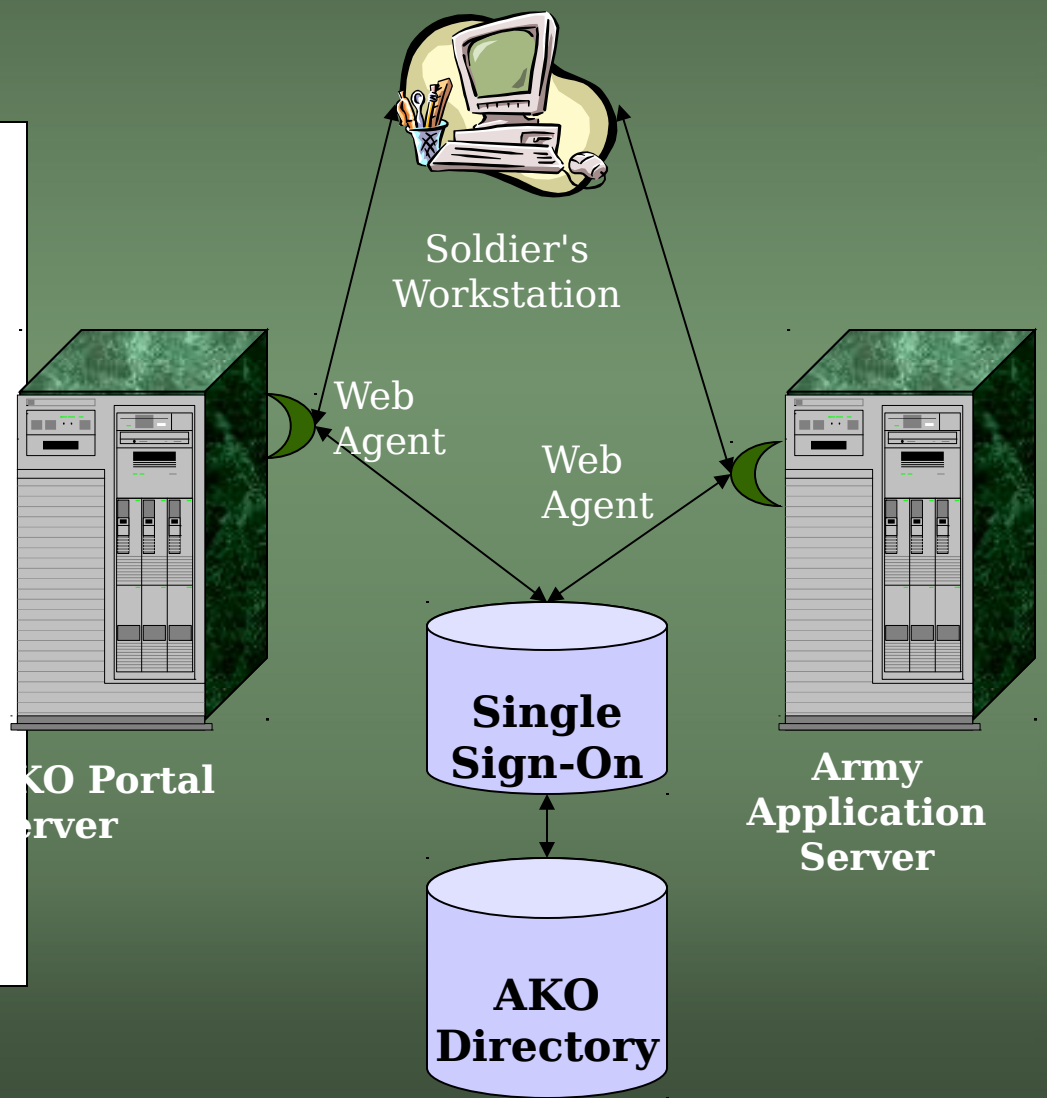
AKO - LDAP Logical Architecture



AKO – LDAP Physical Architecture



How does an application use AKO's Single Sign-On?



Search Engine Comparison

	Convera	Autonomy	Inktomi	Verity
Interface	4	2	3	2
Admin	4	2	2	NE
Security	5	2	2	2
Results	5	3	3	3

Search Engine Path Ahead

- Examine DoD “Athena” search engine
- Autonomy complex for users and results not precise
- Integrating Verity with Semio
  - Semio not listed as search engine per se; more of a taxonomy/knowledge management tool
  - Semio still lacks automatic taxonomy building but haven’t found product yet that does that
- Am concerned about finding too many press releases vice working documents with all search engines

AKO
Observations & Lessons Learned

- **Concepts need immediate results**
- **Phased, rapid implementation has merit**
- **Establish Architecture that can load balance and scale horizontally early**
- **It is the Comms, Comms, and Comms**